

Name: _____

Ocean Currents

1. The energy in waves shapes and reshapes coastlines around the world.
2. The type of shoreline depends on the type of rock and the shape of the shoreline.
3. The impact of waves on headlands results in chunks of rock breaking off and producing vertical cliffs.
4. Soft rocks near the base of cliffs is washed away.
5. Overtime, erosion can make caves and arches in the cliff.
6. Seawater can also dissolve certain minerals in rocks.
7. These processes can erode a coastline by as much as 1m.
8. Smaller rocks and pebbles can be deposited or settled where a shoreline has a gentler slope and calmer waters.